

Appl. No. 10/535,050
Amdt. Dated April 21, 2009
Reply to Notice of Non-Compliant Amendment of April 7, 2009

Amendments to the Drawings:

The attached sheets of drawings include changes to Figs. 1, 2, 3A, 3B, 4 and 5. In each of the amended figures, Applicant has inserted numerals to identify the elements in place of the text which previously appeared in the drawings. A legend appears on the annotated sheets showing the changes to the figures which provides the relationship between the text and the element numbers.

Attachment: Replacement Sheets	6 Figures on 5 Sheets
Annotated Sheets Showing Changes	6 Figures on 5 Sheets

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Appendix

Appl. No. 10/535,050
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Appl.No. 10/535,050
Amendment Dated April 21, 2009
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Replacement Sheets

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Annotated Sheets Showing Changes

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REMARKS/ARGUMENTS

The Notice of Non-Compliant Amendment states that the drawings submitted in the previous amendment were not identified in the top margin as "Replacement Sheet", "New Sheet" or "Annotated Sheet". In the present submission, the drawings are identical to those previously submitted except that the replacement drawings are marked "Replacement Sheet" and the annotated drawings are marked "Annotated Sheet".

Applicant respectfully requests that a Notice of Allowance be issued in this application.

Respectfully submitted,

By



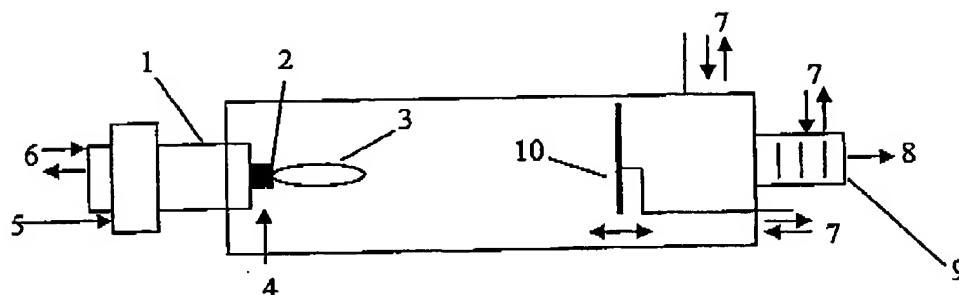
Joan M. Van Zant

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Annotated Sheet

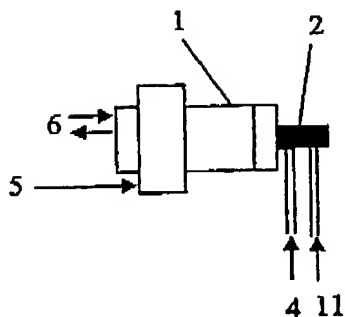
Figure 1



**LEGEND CORRELATING TEXT DESCRIPTION
TO ELEMENT NOS. for FIGS. 1 and 2**

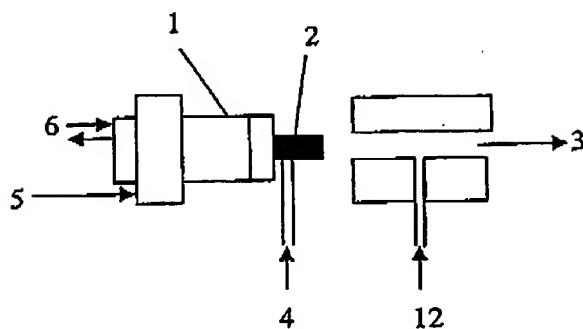
Element No.	Text Description
1	Plasma torch
2	Nozzle
3	Plasma jet
4	Carbon containing gas + carrier gas
5	Plasma forming gas
6	Cooling Water (C.W.) and electrical supply
7	C.W.
8	Gas exhaust to pump and cleaning system
9	Off-gas cooling system
10	Movable disk
11	Catalyst particles + carrier gas

Figure 2



Annotated Sheet

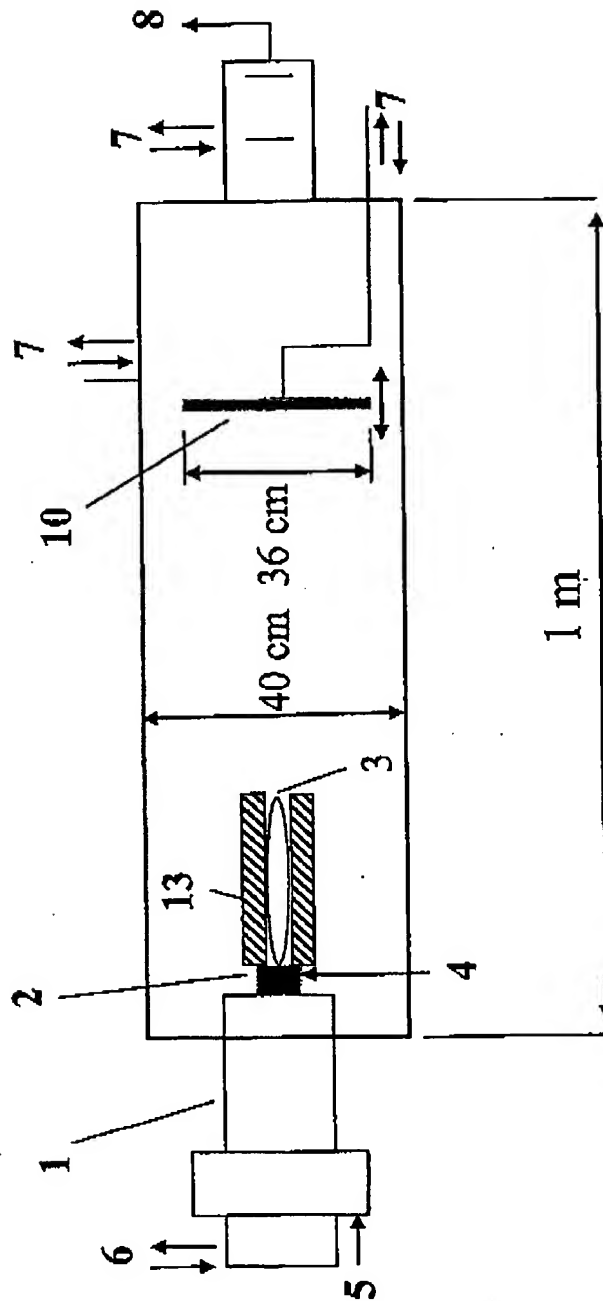
Figure 3A

**LEGEND CORRELATING TEXT DESCRIPTION
TO ELEMENT NOS. for FIG 3A**

Element No.	Text Description
1	Plasma torch
2	Nozzle
3	Plasma jet
4	Carbon containing gas + carrier gas
5	Plasma forming gas
6	Cooling Water (C.W.) and electrical supply
12	Catalyst particles or solid metal pieces

Annotated Sheet

Figure 3B

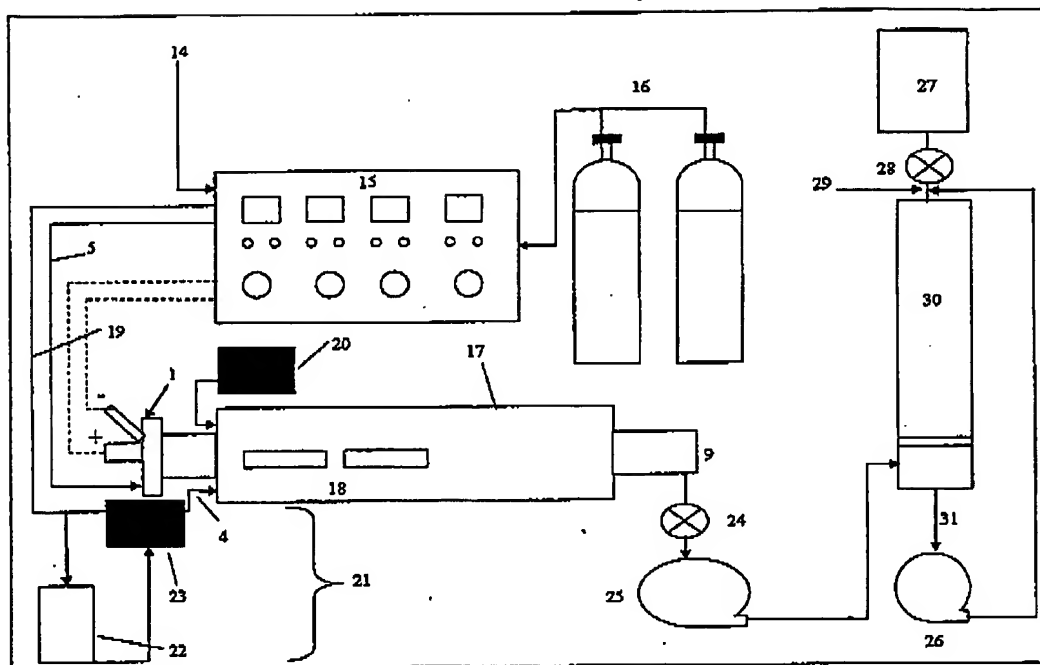


LEGEND CORRELATING TEXT DESCRIPTION
TO ELEMENT NOS. for FIG. 3B

Element No.	Text Description
1	Plasma torch
2	Nozzle
3	Plasma jet
4	Carbon containing gas + carrier gas
5	Plasma forming gas
6	Cooling Water (C.W.) and electrical supply
7	C.W.
8	Gas exhaust to pump and cleaning system
10	Movable disk
13	Graphite cylinder

Annotated Sheet

Figure 4

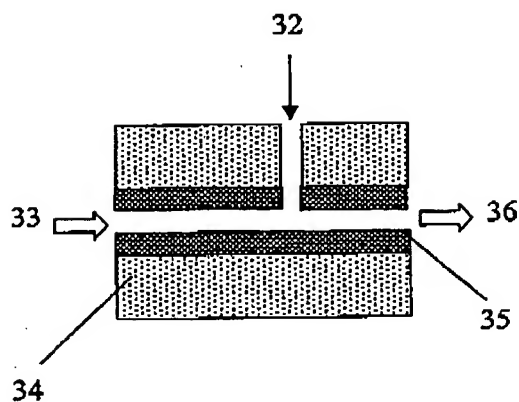


LEGEND CORRELATING TEXT DESCRIPTION
TO ELEMENT NOS. for FIG. 4

Element No.	Text Description
1	Plasma torch
4	Carbon containing gas + carrier gas
5	Plasma forming gas
9	Off-gas cooling system
14	Water supply
15	Control panel
16	Gas cylinders (helium and argon)
17	Reactor chamber
18	Observation/spectroscopic windows
19	Carrier gas
20	Catalyst injection system
21	C ₂ Cl ₄ injection system
22	Pressurized C ₂ Cl ₄ Reservoir
23	Liquid vaporizer
24	Vacuum controlling valve
25	Vacuum pump
26	Recycle pump
27	Caustic supply
28	Control valve
29	Fresh water
30	Packed column
31	Drain

Annotated Sheet

Figure 5

**LEGEND CORRELATING TEXT DESCRIPTION
TO ELEMENT NOS. for FIG 5**

Element No.	Text Description
32	He carrier gas and gaseous C ₂ Cl ₄ as carbon source
33	He plasma from arc discharge with tungsten vapour from erosion
34	Tungsten nozzle
35	CNT deposits
36	Plasma torch tailflame into reactor